Dockingstation DS400

for Microtector II Series (G450/G460)

- Fully automatic bump test
- Quick calibration
- Easy handling
- No PC required
- Reduced cost of ownership

Worldwide Supplier Of Gas Detection Solutions

Dockingstation DS400

The innovative Dockingstation DS400 is designed for the Microtector II multigas detector series. Its easy handling simplifies your daily bump test, calibration, documentation and charging requirements making the detectors ready for use quickly.

Automatic and quick
Fully automatic bump test and calibration are performed extremely quickly. This saves valuable working time and makes the detectors ready for operation after a very short time.

Easy handling
The easy, menu-driven handling avoids operational errors. The bump test starts automatically once a detector is put in. For adjustment with fresh air and test gas just push one button. Every test is completed by an "Okay" or "Fault" indication of the test result.

Bump test and adjustment includes:
- Visual alarm
- Audible alarm
- Time for activation of Alarm 1
- Time for activation of Alarm 2
- Response time t_{50} or t_{90}

Adjustment
- Zeropoint adjustment
- Sensitivity calibration with test gas
- Purging of sensor

Documentation
You do not need a PC for bump test or adjustment. All relevant data is stored on SD card and can be evaluated later.

Recharging
The dual charge management allows simultaneous charging of both the gas detector G450/G460 and the attached motorised pump.

Gas supply
Gas, air and exhaust gas have their individual connections at the back of the dockingstation, which also includes a pump with a capacity of 0.5 l per minute and a demand flow regulator.

Communication
Two RS485 interfaces allow the communication between two Dockingstation DS400 and a PC.

Advantages
- Bump test and adjustment fast and fully automatic
- Easy handling
- OK/Fault indication after each test
- No PC required
- Reduced cost of ownership

Technical Data

Dockingstation DS400

Dimensions:
140 x 125 x 225 mm (H x W x D)

Weight:
800 g

Power Supply:
12 Volt DC (6.3 mm jack)

Pump:
Performance 0.5 l/min, demand flow regulator

Connections:
1 solenoid valve (air/gas)
3 hose connectors (gas/air/exhaust gas)
1 socket for pressure switch 6.3 mm for test gas monitoring
2 interfaces RS485
(RJ45 sockets)

Operation:
via G450/G460 keypad

Readout:
Status display in G450/G460
Alarm LED
Real time clock

Data memory:
SD card for up to 2 GB memory capacity